WEB CAM 500 USER MANUAL

MODEL 460668

MANHATTAN™

MAN-460668-UM-0806-05

INTRODUCTION

Thank you for purchasing the MANHATTAN® Web Cam 500, Model 460668.

With simple, operation and easy-to-use software, the camera's 5.0-megapixel (software enhanced) CMOS lens captures crisp and clear images and smooth, steady video to share with family and friends. The compact size, attractive finish and Plug and Play installation make it a good accessory for desktop and notebook computers.

The included software easily captures and shares videos and still frames in common AVI video, BMP and JPG formats. Its lightweight and compact size provides easy storage and transport for use almost anywhere with a hinged clip that positions and adjusts the camera on a desk, monitor or notebook computer.

By following the instructions in this user manual — or the simpler setup procedure in the printed quick install guide included with the product — you'll soon be enjoying these additional features:

- Supports frame rates up to 8 fps at 2560 x 1920 resolution up to 30 fps (320 x 240 resolution)
- Automatic color equalizing, exposure and brightness balance adjustments
- Saturation, contrast, sharpness controls
- Plug and Play installation – Windows compatible
- Lifetime Warranty (For a complete list of country-specific warranties, go to www.manhattan-products.com/warranty.)

Package Contents

- Web Cam 500
- Software CD
- Quick install guide

System Requirements

- IBM PC-compatible computer or notebook with USB port
- Pentium 200 or higher CPU
- Windows XP/Vista/7
- 20 MB of HDD space
- CD-ROM drive
- VGA display card for DirectX

HARDWARE

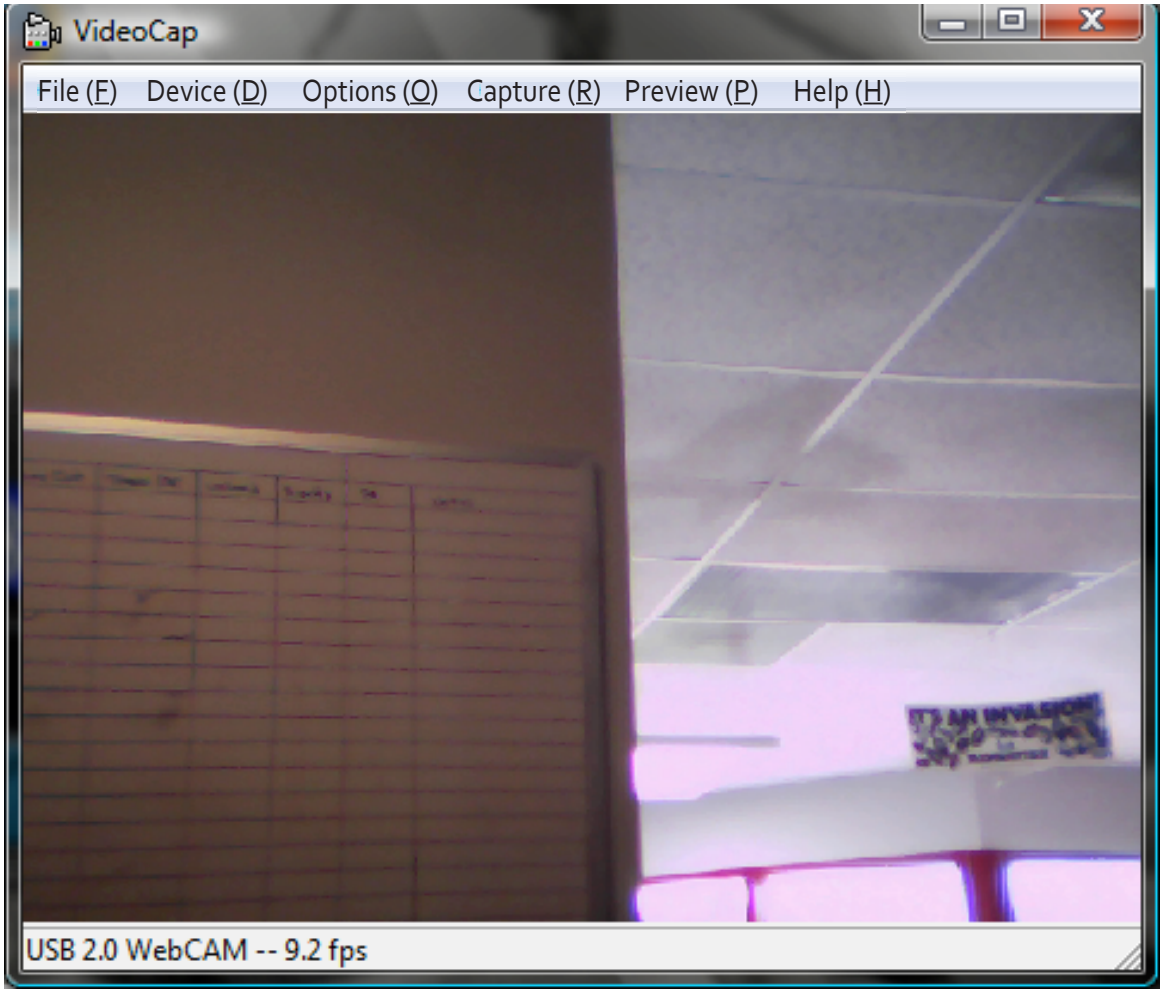
1. With your computer on, plug the camera into a USB port on the PC/notebook/netbook.
2. Use the clip on the camera base to position the camera as desired. ***NOTE:*** You may prefer to wait until you are adjusting the focus ring during the software installation so you can view the camera image. (See the procedures below in Software Installation.)
3. Press the snapshot button to capture and file still images. (Refer to the Capture section in Software Installation.)

To protect your camera:

- Avoid dropping, jostling or otherwise mishandling it, as this can affect its performance.
- Do not place it in extremely hot, cold or dusty environments. A soft cotton cloth is recommended for cleaning the lens and/or any other optical components
- Prevent camera contact with sharp items (even fingernails) or coarse or wet materials.

SOFTWARE INSTALLATION

1. With the camera connected to your computer through a USB port, insert the included software CD in the CD-ROM drive. The installation procedure will launch and run automatically, displaying a series of screens and easy-to-follow procedural prompts.
2. Follow the on-screen instructions presented by the InstallShield Wizard. ***NOTE:*** The steps and screen images represent Windows XP and may vary slightly from those for Windows Vista and 7. Refer to your operating system user manual as needed.
3. When you're finished with the InstallShield Wizard, go to Start on your desktop, then Programs. Select "Webcam/Webcam VideoCap" to display the initial menu screen and active camera image (below).



The Menu bar is at the top of the image screen. To the lower left of the image is information about what camera is being used and the frame rate per second. The feature items on the menu bar — File, Device, Options, Capture and Preview — give you access to the various settings that let you configure your camera for optimal enjoyment.

File

- *Set Capture File Folder*
  When this option is selected, a window will open so you can select a location for saving captured video. This only needs to be done once: The VideoCap software program will continue to write to the same folder each time a video is saved.
- *Set Snapshot File Folder*
  When this option is selected, a window will open so you can select a location for

saving captured snapshots to. This only needs to be done once: The VideoCap software program will continue to write to the same folder each time a snapshot is saved.

- *File Index Reset*
  This resets the location of the video and snapshot save locations.
- *Exit*
  This exits and shuts down the application

Device

This will display a list of available video input devices and audio input devices. When you make your selections, a check mark will appear next to each active device.

Options

- *Preview*
  If this option is selected, the video seen by the camera is displayed in the main screen of the CamApp. If there is no check mark next to Preview, the image on the main screen will not be updated. If video is captured, it will show what is being captured in the main window, even if Preview is not checked.
- *Video Capture Filter*
  When this option is selected, the Properties box will open. These options are used to edit the appearance and behavior of the video. Different versions of the software may provide various tabs and selections, but the options are the same. The various tabs will contain options to adjust the appearance of the images (such as color, brightness and hue), image orientation, special effects, framing, face tracking and PTZ features. ***NOTE:*** Depending on the camera model, not all features may be active.
- *Video Capture Pin*
  This option allows for the configuration of the video stream properties. Unlike Filter, this has options such as frame rate, compression and output size settings.
- *Audio Capture Filter*
  This allows the configuration of audio input properties. If no audio is selected in Devices, the options will not be available. Properties of the line-in audio and the master input can be edited for treble, base and volume.

Capture

This menu presents a list of various capture options. Still frame resolutions can be selected, and the active resolution will be displayed with a check mark. There are

options for audio recording, frame rate, video format and maximum length (in time) of video capture. It is where you can configure the settings for taking snapshots, starting video capture and stopping video capture.

Preview

This menu option will provide different resolutions for the Preview screen. The window will resize itself automatically when a new resolution is selected.

Help

This option provides the version information of the software.

SPECIFICATIONS

Standards and Certifications

- USB 1.1
- CE
- RoHS
- WEEE

Lens

- CMOS Sonix 201 DSP color sensor; 300k pixels (software enhanced; interpolated to 5.0 M pixels)
- Lens: F2.2 1/4-inch lens with focus ring
- Image Focus: 50 mm to infinity

Image

- Maximum resolution up to 2560 x 1920
- Supports video rates up to 30 fps (320 x 240 resolution)
- Format: AVI, JPG, BMP
- Color depth: 24-bit true color

General

- Automatic color equalizing, exposure and brightness balance adjustments
- Top-mount snapshot button
- Viewing angle: 55˚ horizontal
- Built-in compression ratio (BMP)

Physical

- Adjustable clip base; cable, 1.4 m (4.5 ft.)
- Dimensions: 15.25 x 3.8 x 8.25 cm (6 x 1.5 x 3.25 in.)
- Weight: 68 g (2.4 oz.)

System Requirements

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- Windows XP/Vista/7
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- CD-ROM drive
- VGA display card for DirectX

WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

Disposal of Electric and Electronic Equipment

(applicable in the European Union and other European countries with separate collection systems)

ENGLISH

This symbol on the product or its packaging indicates that this product shall not be treated as household waste. Instead, it should be taken to an applicable collection

point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. If your equipment contains easily removable batteries or accumulators, dispose of these separately according to your local requirements. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, contact your local city office, your household waste disposal service or the shop where you purchased this product. *In countries outside of the EU:* If you wish to discard this product, contact your local authorities and ask for the correct manner of disposal.

DEUTSCH

Dieses auf dem Produkt oder der Verpackung angebrachte Symbol zeigt an, dass dieses Produkt nicht mit dem Hausmüll entsorgt werden darf. In Übereinstimmung mit der Richtlinie 2002/96/EG des Europäischen Parlaments und des Rates über Elektro- und Elektronik-Altgeräte (WEEE) darf dieses Elektrogerät nicht im normalen Hausmüll oder dem Gelben Sack entsorgt werden. Wenn Sie dieses Produkt entsorgen möchten, bringen Sie es bitte zur Verkaufsstelle zurück oder zum Recycling-Sammelpunkt Ihrer Gemeinde.

ESPAÑOL

Este símbolo en el producto o su embalaje indica que el producto no debe tratarse como residuo doméstico. De conformidad con la Directiva 2002/96/CE de la UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), este producto eléctrico no puede desecha se con el resto de residuos no clasificados. Deshágase de este producto devolviéndolo al punta de venta o a un punta de recogida municipal para su reciclaje.

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ENGLISH: For warranty information, go to www.manhattan-products.com/warranty.
DEUTSCH: Garantieinformationen finden Sie unter www.manhattan-products.com/warranty.
ESPAÑOL: Si desea obtener información sobre la garantía, visite www.manhattan-products.com/warranty.
FRANÇAIS: Pour consulter les informations sur la garantie, visitez www.manhattan-products.com/warranty.
POLSKI: Informacje dotyczące gwarancji znajdują się na stronie www.manhattan-products.com/warranty.
ITALIANO: Per informazioni sulla garanzia, accedere a www.manhattan-products.com/warranty.

EN MÉXICO: Poliza de Garantia MANHATTAN — Datos del importador y responsable ante el consumidor IC Intracom México, S.A. de C.V. • Av. Interceptor Poniente # 73, Col. Parque Industrial La Joya, Cuautitlan Izcalli, Estado de México, C.P. 54730, México. • Tel. (55)1500-4500

La presente garantía cubre los siguientes productos contra cualquier defecto de fabricación en sus materiales y mano de obra.

A. Garantizamos los productos de limpieza, aire comprimido y consumibles, por 60 dias a partir de la fecha de entrega, o por el tiempo en que se agote totalmente su contenido por su propia función de uso, lo que suceda primero.
B. Garantizamos los productos con partes moviles por 3 años.
C. Garantizamos los demas productos por 5 años (productos sin partes moviles), bajo las siguientes condiciones:
    1. Todos los productos a que se refiere esta garantía, ampara su cambio físico, sin ningún cargo para el consumidor.
    2. El comercializador no tiene talleres de servicio, debido a que los productos que se garantizan no cuentan con reparaciones, ni refacciones, ya que su garantía es de cambio físico.
    3. La garantía cubre exclusivamente aquellas partes, equipos o sub-ensambles que hayan sido instaladas defábrica y no incluye en ningún caso el equipo adicional o cualesquiera que hayan sido adicionados al mismo por el usuario o distribuidor.

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FEDERAL COMMUNICATIONS COMMISSION REGULATORY STATEMENT

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

R&TTE

ENGLISH

This device complies with the requirements of the R&TTE Directive 1999/5/EC.

DEUTSCH

Dieses Gerät enspricht der Direktive R&TTE Direktive 1999/5/EC.

ESPAÑOL

Este dispositivo cumple con los requerimientos de la Directiva R&TTE 1999/5/EC.

FRANÇAIS

Cet appareil satisfait aux exigences de la directive R&TTE 1999/5/CE.

POLSKI

Urządzenie spełnia wymagania dyrektywy R&TTE 1999/5/EC.

ITALIANO

Questo dispositivo è conforme alla Direttiva 1999/5/EC R&TTE.

CE FC

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